

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>F17663 DMD</b>	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/IB 2003/005388</b>	International filing date (day/month/year) <b>25 November 2003 (25.11.2003)</b>	(Earliest) Priority Date (day/month/year) <b>26 November 2002 (26.11.2002)</b>
Applicant <b>SHOCK-DOC LTD</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.: 1

☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

**Box III TEXT OF THE ABSTRACT** (Continuation of item 5 of the first sheet)

A method of determining the damping factor of a shock absorber includes attaching an accelerometer (12) to one of a first and a second part of the shock absorber. The first- and second parts are displaced relative to one another at least once and the acceleration of the parts relative to each other is measured by reading a signal from the accelerometer (12). The damping factor is then determined by analysis of the measured accelerometer for generating an acceleration signal. A processor (32) is connected to the accelerometer and reads the acceleration signal from the accelerometer thereby to calculate a damping factor of the shock absorber when the first- and second parts of the shock absorber are displaced relative to one another. An indicator (19), responsive to the processor, displays a value representative of the damping factor of the shock absorber.

## INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/IB 03/05388-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: G01M 17/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: G01M 17/04

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0355398 A2 (NEEDLEMAN) 28 February 1990 (28.02.1990) <i>the whole document.</i>	1-18
Y	EP 0018959 A1 (SINHA) 12 November 1980 (12.11.1980) <i>the whole document.</i>	1-18
Y	US 6019495 A (YAMADA) 1 February 2000 (01.02.2000) <i>the whole document.</i>	1-18
Y	AU 200071537 A1 (CANON) 17 May 2001 (17.05.2001) <i>the whole document.</i>	6,7
Y	JP 59 006306 A (NIPPON STEEL) 13 January 1984 (13.01.1984) (abstract).[online] [retrieved on 23.04.2004]. Retrieved from: Japanese Patent Office PAJ Database. <i>the whole document.</i>	8

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&amp;“ document member of the same patent family

Date of the actual completion of the international search

23 April 2004 (23.04.2004)

Date of mailing of the international search report

23 June 2004 (23.06.2004)

Name and mailing address of the ISA/AT

Austrian Patent Office

Dresdner Straße 87, A-1200 Vienna

Facsimile No. 1/53424/535

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# INTERNATIONAL SEARCH REPORT

Internal application No.

PCT/IB 03/05388-0

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ZA 9406337 A (KLEYNHANS) 28 June 1995 (28.06.1995) (abstract).[online]  [retrieved on 22.04.2004]. Retrieved from EPO WPI Database  DW199535 Accession No.: 1995-269686.  <i>the whole document.</i></p> <p style="text-align: center;">----</p>	15

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

7/IB 03/05388-0

Patent document cited in search report			Publication date		Patent family member(s)		Publication date	
AU	A	20007153 7			none			
EP	A	018959			none			
EP	A	355398		CA	C	1329954	1994-05-31	
				ES	T	2035462T	1993-04-16	
				DE	D	58902287D	1992-10-22	
				AT	T	80727T	1992-10-15	
				US	A	4979388	1990-12-25	
				EP	A	0355398	1990-02-28	
JP	A	59006306 A2			none			
US	A	6019495	2000-02-01	JP	A	6344745	1994-12-20	
ZA	A	9406337	1995-03-31			none		